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DIALOG(R)File 347:JAPIO

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ELECTROPHORESIS DISPLAY UNIT WITH ILLUMINATION

PUB. NO.: 54-152497 A]

PUBLISHED: November 30, 1979 (19791130)

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APPL. NO.: 53-061414 [JP 7861414]

FILED: May 22, 1978 (19780522)

INTL CLASS: [2] G09F-009/00; G02F-001/19; G09F-013/18

JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 13.1 (INORGANIC CHEMISTRY --

Processing Operations); 29.2 (PRECISION INSTRUMENTS --

Optical Equipment); 29.3 (PRECISION INSTRUMENTS -- Horologe);

29.4 (PRECISION INSTRUMENTS -- Business Machines); 42.2

(ELECTRONICS -- Solid State Components)

JAPIO KEYWORD:R097 (ELECTRONIC MATERIALS -- Metal Oxide Semiconductors,
MOS)

JOURNAL: Section: E, Section No. 168, Vol. 04, No. 11, Pg. 92, January
26, 1980 (19800126)

ABSTRACT

PURPOSE: To make accurate discrimination possible even in the night-time by
giving an illumination function to an electrophoresis display unit.

CONSTITUTION: An electrophoresis display unit uses opaque dispersion medium
11 and no polarizing plate, so that there will be no need to employ
transparent lower electrode 12. As a result, a light source should be
arranged not on the reverse surface of the device but on either flanks of
top surface. Then, reflecting films are formed on all flanks, except one
part of the external circumference part of light source 9 and a flank of
substrate 10 where lamp light strikes, so as to lighten the entire display
unit uniformly, so that excellent discrimination can be made.